

## DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I/We hereby declare that:

My/Our residence, post office address(s) and citizenship(s) are as stated below next to my/our name(s), and

I/We believe I/We am/are the original, first and sole inventor of the subject matter which is claimed (if only one name is listed below) or an original and first inventor of at least some of the subject matter which is claimed (if plural names are listed below) and for which a patent is sought on the invention entitled

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the specification of which

- ☐ is attached hereto.  
☒ was filed on 13 July 2000

as PCT International Application No. PCT/GB00/02686

and was amended on August 8, 2001.

I/We hereby state that I/we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I/We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

### Prior Foreign Application(s)

I/We hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

| Country       | Application No. | Filed (d/m/y)              | Issued (d/m/y) | Priority Claimed                                                 |
|---------------|-----------------|----------------------------|----------------|------------------------------------------------------------------|
| Great Britain | 9916353.7       | (14/07/99)<br>14 July 1999 |                | Y <input checked="" type="checkbox"/> N <input type="checkbox"/> |
|               |                 |                            |                | Y <input type="checkbox"/> N <input type="checkbox"/>            |

### Prior United States Applications

I/We hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I/We acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| Application Serial No. | Filing Date (d/m/y) | Status (Patented, Pending, Abandoned) |
|------------------------|---------------------|---------------------------------------|
|                        |                     |                                       |
|                        |                     |                                       |

And, I/We hereby appoint, both jointly and severally, as my attorney(s) and/or agent(s) with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith the following attorney(s) and agent(s), their registration numbers being listed after their names.

John J. Ryberg, 31,134; William B. Batzer, 37,088; and William L. Wang, 39,871

I/We hereby request that all correspondence be directed to:

Intellectual Property Law Department,  
Schlumberger-Doll Research,  
36 Old Quarry Rd., Ridgefield, CT 06877,

and that all telephone calls be directed to the Intellectual Property Law Department at (203) 431-5507.

I hereby declare (if sole inventor) or each of us hereby declares (if joint inventors) that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SOLE OR FIRST INVENTOR

Signature: Christopher Hall Date: 14 January 2002

Full Name: Christopher HALL

Residence: 9A Church Street, Stapleford, Cambridge CB2 5DS, United Kingdom

Citizenship: United Kingdom

Post Office Address: 9A Church Street, Stapleford, Cambridge CB2 5DS, United Kingdom

SECOND INVENTOR

Signature: Andrew Hunt Date: 31 January 2002

Full Name: Andrew HUNT

Residence: West Hembury Farm, Askerswell, Dorchester, Dorset DT2 9EN, United Kingdom

Citizenship: United Kingdom

Post Office Address: West Hembury Farm, Askerswell, Dorchester, Dorset DT2 9EN, United Kingdom

SCHLUMBERGER-DOLL RESEARCH  
Old Quarry Road  
Ridgefield, CT 06877-4108

FORM PTO-1595  
1/31/92RECORDATION FORM COVER SHEET  
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Christopher Hall  
Andrew HuntAdditional name(s) of conveying party(ies) attached ☐ Yes ☒ No

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date(s): 14 January 2002, and 31 January 2002

## 2. Name and address of receiving party(ies):

Name: Schlumberger Technology CorporationInternal Address: IP Law DepartmentStreet Address: 36 Old Quarry RoadCity: Ridgefield State: CT Zip: 06877-4108

Additional name(s) &amp; address(es) attached?

☐ Yes ☒ No

## 4. Application number(s) or patent number(s): International Application No. PCT/GB00/02686, I.A. Filing Date: July 13, 2000

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s):

10/030,587

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom  
correspondence concerning document  
should be mailed:

Name: \_\_\_\_\_

Internal Address: Intellectual Property Law DepartmentSchlumberger-Doll ResearchStreet Address: 36 Old Quarry RoadCity: Ridgefield State: CT Zip: 06877-4108

## 6. Total number of applications and patents involved: [1]

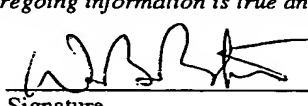
7. Total fee (37 CFR 3.41): \$ 40.00

- ☐ Enclosed  
☒ Authorized to be charged to  
deposit account

8. Deposit account number: 19-0615  
(Attach duplicate copy of this page if  
paying by deposit account)

## DO NOT USE THIS SPACE

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*William B. Batzer  
Registration No. 37,088  
SignatureOctober 3, 2002  
Date

Total number of pages including cover sheet: [4]

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents  
Box Assignments  
Washington, D.C. 20231

## ASSIGNMENT

WHEREAS, We, **Christopher Hall** (Inventor), a citizen of the United Kingdom, whose post office address is 9A Church Street, Stapleford, Cambridge CB2 5DS, United Kingdom; and **Andrew Hunt** (Inventor), a citizen of the United Kingdom, whose post office address is West Hembury Farm, Akerswell, Dorchester, Dorset DT2 9EN, United Kingdom, have invented

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as described and set forth in a U.S. Patent Application filed 03 January 2002, and corresponding to International Application No. PCT/GB00/02686, filed 13 July 2000 (Attorney Docket No.57.0306-WO).

AND WHEREAS, **SCHLUMBERGER TECHNOLOGY CORPORATION**, its successors and assigns (**COMPANY**), a corporation organized, incorporated and existing under the laws of Texas, and having a place of business at 36 Old Quarry Road, Ridgefield, Connecticut 06877-4108, wants to acquire or confirm its acquisition of the entire right, title and interest in this invention, inventions or improvements, application, and any patent, both in the United States and all foreign countries;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that we, the Inventors, for good, sufficient and valuable considerations, assign, transfer and convey to the **COMPANY** the entire right, title and interest throughout the world, in our invention as described in such an application, including the right to file foreign applications under the provisions of any convention or treaty; any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on this invention anywhere; and any patents, certificates, utility models, reissues, extensions, additions or confirmations which may be granted anywhere for the invention, TO HAVE AND TO HOLD the same to the full end of the term or terms for which any such patent may be issued.

AND we authorize and request the appropriate authority to issue any related patent to the **COMPANY** as the assignee of the entire right, title and interest in the patent, for the sole use and benefit of the **COMPANY**.

AND we covenant and warrant that we have full right to convey the entire right, title and interest in this invention free and clear of all licenses, encumbrances or liens, and that we have not executed and will not execute any instruments in conflict with this agreement.

AND we agree that we, our executors, administrators, or other personal representatives, shall do whatever is legally necessary (make all rightful oaths, execute, and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents) in the opinion of counsel for the **COMPANY**, to secure and vest in the **COMPANY**, the entire right, title and interest in this invention, inventions, or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages.

IN WITNESS WHEREOF, I sign this 14 day of January 2002.

Christopher Hall  
Christopher Hall

WITNESSED:

BE IT KNOWN, that Christopher Hall is known to us to be the individual described in this assignment, that on this 14<sup>th</sup> day of January, 2002, we were personally present and did see him sign and execute this assignment, and that he acknowledged to us that he executed the same as his free act and deed, for the uses and purposes therein set forth.

[Signature]  
First Witness (Signature)

PT 1 43 BALCARRES ST

EDINBURGH

EH10 5JG  
Post Office Address

[Signature]  
Second Witness (Signature)

3/6 Furcheous Park

Edinburgh

EH8 7RZ, UK  
Post Office Address

IN WITNESS WHEREOF, I sign this 31 day of JANUARY 2002.

Andrew Hunt  
Andrew Hunt

WITNESSED:

BE IT KNOWN, that Andrew Hunt is known to us to be the individual described in this assignment, that on this 31 day of JANUARY, 2002, we were personally present and did see him sign and execute this assignment, and that he acknowledged to us that he executed the same as his free act and deed, for the uses and purposes therein set forth.

As. K. At  
First Witness (Signature)  
135 Staines Road  
Twickenham  
Middlesex TW2 5BD  
Post Office Address

CB Roseberg  
Second Witness (Signature)  
3 HILLBROOK RISE  
FARNHAM  
SURREY GU9 0SF  
Post Office Address